

## EAST Search History

S1	52	((("5930733") or ("4268717") or ("4303991") or ("4890331") or ("5422956") or ("5739452") or ("6442282") or ("20040032960") or ("4322579") or ("4371748") or ("4400787") or ("4583615") or ("5400299") or ("5652798") or ("20060109988") or ("4297535") or ("5467401") or ("5696831") or ("5784468") or ("4167651") or ("4131760") or ("4283600") or ("4361727") or ("4436966") or ("4485484") or ("4524451") or ("4581758") or ("4584701") or ("4622878") or ("4815133") or ("4929924") or ("4937875") or ("4953219") or ("4955057") or ("5245667") or ("5251260") or ("5261005") or ("5263087") or ("5280528") or ("5295189") or ("5307415") or ("5335011") or ("5337363") or ("5339363") or ("5371799") or ("5375188") or ("5412731") or ("5428687") or ("5438623") or ("5449858"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2007/05/03 14:37
S2	2	(time adj overlapping) same (select\$4 or switch\$3) same (frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 13:44
S3	25	(time adj overlapping) and (select\$4 or switch\$3) and (frequency adj domain) and (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 14:47
S4	13	S3 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:11
S5	3	(time adj overlapping) same (frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 14:17
S6	14945	(frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:14
S7	1037	((381/61 or 381/63 or 381/310).ccls.)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 14:55

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S8	1691	((381/1 or 381/17-22 or 381/94.2).ccls.)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 14:55
S9	40	S6 and S7 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 15:23
S10	1458	(time adj overlapping) or (timewise adj overlapping)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:16
S11	103	S6 and S8 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/05/03 16:15
S12	12	S6 and S10 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 15:37
S13	2	S10 and S8 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:19
S14	2	S10 and S7 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:12
S15	2	S10 and (("381"/\$).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:13
S16	1	S10 and (("181"/\$).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:13
S17	0	S10 and (("86"/\$).ccls.) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:13
S18	18622	(frequency adj domain) and (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:14
S19	523	( head adj related adj transfer adj function) or HRTF same reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:18

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S20	59	(( head adj related adj transfer adj function) or HRTF) same reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:27
S21	143	(( head adj related adj transfer adj function) or HRTF) and reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:18
S22	567	( head adj related adj transfer adj function) or HRTF	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:19
S23	567	( head adj related adj transfer) or HRTF	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:19
S24	1	S10 and S23 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:20
S25	1	S10 and S19 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:21
S26	7947	reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:20
S27	7	S10 and S26 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/25 16:21
S28	7	((DMITRY) near2 (BUDNIKOV)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/25 16:45
S29	25	(time adj overlapping) and (select\$4 or switch\$3) and (frequency adj domain) and (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 09:54
S30	3	(time adj overlapping) same (frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 09:55
S31	0	(timewise adj overlapping) same (frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 09:55

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S32	17	(timewise adj overlapping)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 09:55
S33	8	("20010016020"   "5757937"   "5960391"   "5974373"   "6044341"   "6070137"   "6292520"   "6687669").PN. OR ("7054808"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 10:08
S34	17	((time or bin\$1 or frame or block or segment) adj overlapping) same (frequency adj domain) same (time adj domain)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 14:17
S35	13	S34 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/26 14:18
S36	59	(( head adj related adj transfer) or HRTF) same reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:29
S37	143	(( head adj related adj transfer) or HRTF) and reverberat\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:28
S38	114	(( head adj related adj transfer) or HRTF) and reverberat\$3 and delay\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:28
S39	72	S38 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:29
S40	18	(( head adj related adj transfer) or HRTF) same reverberat\$3 same delay\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:04
S41	11	S40 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:39
S42	1	select\$3 same frequency same (time adj shift\$3) same closest same delay\$3 same (reverberat\$3 adj path)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:42
S43	2	select\$3 and frequency and (time adj shift\$3) and closest and delay\$3 and (reverberat\$3 adj path)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 10:43

## EAST Search History

S44	1	(( head adj related adj transfer) or HRTF) same (reverberat\$3 adj path) same delay\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:05
S45	1	(( head adj related) or HRTF) same (reverberat\$3 adj path) same delay\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:05
S46	2	(( head adj related) or HRTF) and (reverberat\$3 adj path) and delay\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:07
S47	2	(( head adj related) or HRTF) and (reverberation adj path) and delay\$3	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 14:08
S48	2	(( head adj related) or HRTF) and (reverberation adj path) and delay\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:08
S49	2	(( head adj related) or HRTF) and (reverberation adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:09
S50	2	identif\$4 same (reverberation adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:11
S51	15	identif\$4 and (reverberation adj path)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 14:11
S52	12	S51 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 15:49
S53	38	"5271088"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/04/27 15:49
S54	1	select\$4 same (time adj shift) same closest same delay same (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:39
S55	1	(time adj shift) same closest same delay same (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:44

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S56	1	closest same delay same (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:39
S57	2978466	closest near\$3 delay near\$3 (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:40
S58	1	closest near3 delay near3 (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:40
S59	2	(time adj shift) and closest and delay and (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:41
S60	1	(time adj shift) same (closest or maxm%4 or highest) same delay same (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:54
S61	3	(time adj shift) and (closest or maxm%4 or highest) and delay and (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 14:55
S62	1	(time adj shift) same (closest or maximi\$4 or highest) same delay same (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:15
S63	3	(time adj shift) and (closest or maxim\$4 or highest) and delay and (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	(time adj shift) same (closest or maxim\$4 or highest) same delay same reverberation adj	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:15
L2	100	(time adj shift) and (closest or maxim\$4 or highest) and delay and (reverberation adj path)	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2007/05/03 16:14
L3	1	(time adj shift) same (closest or maxim\$4 or highest) same delay same reverberation	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:15
L4	39	(closest or maxim\$4 or highest) same delay same reverberation	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:24
L5	12	4 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2007/05/03 16:15
L6	8	(closest) same delay same reverberation	US-PGPUB; USPAT; USOCR; JPO	OR	ON	2007/05/03 16:25